

This application is a continuation under 37 C.F.R. §1.53(b) of United States Application No. 09/418,448, filed on October 15, 1999, now Patent No. 6,129,999, which is a continuation-in-part of United States Application No. 09/250,741, filed on February 16, 1999, now Patent No. 6,007,701. This application is also related to co-pending United States Application No. 09/753,496, filed on January 2, 2001, and United States Application No. 09/664,195, filed on September 18, 2000, now Patent No. 6,398,948.

IN THE CLAIMS:

Please cancel claims 5, 14-15, 23-24, 29-30, 33, and 37-38 without prejudice and amend the claims as follows:

4. (Amended) A method for purifying used oil, comprising:
mixing the used oil with a phase transfer catalyst in the presence of a base compound, wherein the phase transfer catalyst comprises a glycol; and
removing contaminants from the used oil.
5. (Cancelled without prejudice) The method of claim 4, wherein the phase transfer catalyst comprises quaternary ammonium salts, polyol ethers, glycols, or crown ethers.
6. The method of claim 4, wherein the phase transfer catalyst comprises ethylene glycol.
7. The method of claim 4, wherein removing contaminants from the used oil comprises distilling the motor oil at a temperature of about 200°C to about 275°C and a pressure of about 100 torr to about 200 torr.